Message Brown, Cheryl A. [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP From: (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=DD6F8A562924439AAF97CA98DDAF1E10-BROWN, CHERYL] Sent: 12/8/2017 5:28:22 PM To: Fullagar, Jill [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=7ba061353c314b40a14a8be1ee382ae3-Gable, Jill] Subject: RE: Yep, definitely need some sort of music. Personal Privacy / Ex. 6 From: Fullagar, Jill Sent: Friday, December 08, 2017 9:27 AM To: Brown, Cheryl A. <Brown.Cheryl@epa.gov> Subject: RE: When I read the first part of that sentence, I was very jealous, also picturing an ocean view. Well...put on your sunglasses, close your eyes and listen to some Jimmy Buffett and pretend! Jill Fullagar, Impaired Waters Coordinator Watershed Unit, Office of Water and Watersheds US EPA, Region 10 1200 Sixth Avenue, Suite 900 (OWW-192) Seattle, WA 98101-3140 (206) 553-2582, (206) 553-1280 (fax) fullagar.jill@epa.gov From: Brown, Cheryl A. Sent: Friday, December 08, 2017 9:25 AM To: Fullagar, Jill <Fullagar.Jill@epa.gov> Subject: RE: Wonderful. Hope you have a great weekend too. Personal Privacy / Ex. 6 Perhaps, dreaming of being on a tropical island. Cheryl From: Fullagar, Jill Sent: Friday, December 08, 2017 9:23 AM To: Brown, Cheryl A. <Brown.Cheryl@epa.gov> Subject: RE: Ha! I think we're both on the same page! That's perfect. Thank you so much! I think (I hope) that's all we need. I'll send an updated version in a bit. Have a great weekend!! jill

Jill Fullagar, Impaired Waters Coordinator

Watershed Unit, Office of Water and Watersheds US EPA, Region 10 1200 Sixth Avenue, Suite 900 (OWW-192) Seattle, WA 98101-3140 (206) 553-2582, (206) 553-1280 (fax) fullagar.jill@epa.gov

From: Brown, Cheryl A.

Sent: Friday, December 08, 2017 9:06 AM **To:** Fullagar, Jill < Fullagar_Jill@epa.gov>

Subject: RE:

Ha, we crossed paths. Let me know if what I did was okay.

Cheryl

From: Fullagar, Jill

Sent: Friday, December 08, 2017 8:51 AM **To:** Brown, Cheryl A. Brown, Cheryl@epa.gov>

Subject: RE:

Can you also include the 2 sites that were very close to the 100% ones

Deliberative Process / Ex. 5

Deliberative Process / Ex. 5

Deliberative Process / Ex. 5

Does that make sense? If you

think something else would be more useful, I'm totally open to suggestions ©

Thank you!

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From: Brown, Cheryl A.

Sent: Friday, December 08, 2017 8:47 AM **To:** Fullagar, Jill < Fullagar_Jill@epa.gov >

Subject: RE:

I found it. So keep in mind these data points are only from the 2011 cruise and stations with pteropod data, (ie, matched plot of Bednarsek).

The map I sent yesterday had carbonate chemistry from stations with no pteropod data; also included Aug 2013 data. Do you want me to

show only those 2 sites with 100% of water column undersaturated? I can use another symbol and put year next to it.

From: Fullagar, Jill

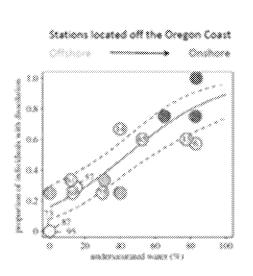
Sent: Friday, December 08, 2017 8:20 AM

To: Brown, Cheryl A. <<u>Brown.Cheryl@epa.gov</u>> **Subject:** RE:

Hi Cheryl,

Can I ask one more favor this morning? Are you able to add a caption to this map so I can put it in the paper?

Is there any way to plot them on this map? If not, I think separately is fine. Thanks!





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From: Brown, Cheryl A.

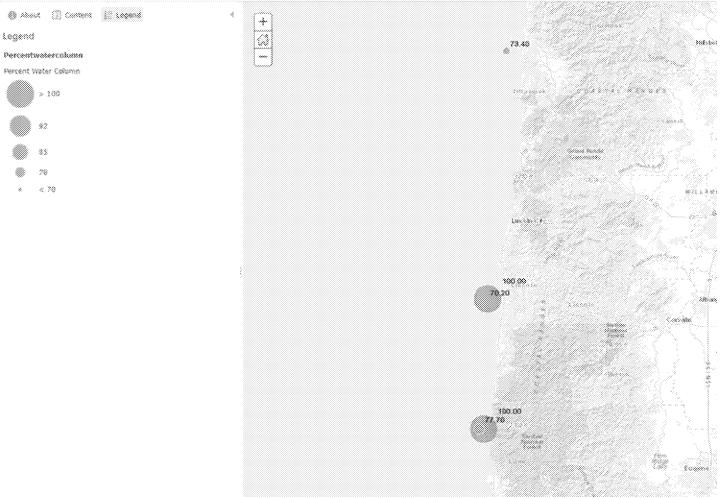
Sent: Thursday, December 07, 2017 3:38 PM **To:** Fullagar, Jill < Fullagar, Jill@epa.gov>

Subject:

You can click on this link. http://arcg.is/1y1Tr40 The value shows the % of water column undersaturated.

I can clean up the map depending upon what you want to use as cutoff for % of water column under saturated (e.g, 100% or > 70%).

If it is 100%, then it would be the inner shelf from about Newport (latitude 44.65 deg, longitude 124.13 deg) 32 miles south to latitude 44.20 deg, longitude 124.15 (just south of Yachats).



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